

**Method and Apparatus for Configuring Multiple Displays
Associated with a Computing System**

Abstract of the Disclosure

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A method and apparatus for configuring multiple displays associated with a computing system begins when display preferences regarding at least one of the multiple displays are received. The display preferences indicate desired selections of which images are to be displayed on which displays and may be based on user selections or application selections. Having received the display preferences, a coupling controller within a video graphics processing circuit determines whether the display preferences can be fulfilled in observance of configuration properties. The configuration properties include limitations of the displays (e.g., refresh rate, resolution) and the computing system (e.g., display controller capabilities) and/or rules of the computing system (e.g., at least one screen must be actively coupled at all times). If the display preferences can be fulfilled, the coupling controller causes display controllers to be operably coupled to displays. If, however, the display preferences cannot be fulfilled, the coupling controller determines whether the current configuration can be reconfigured to allow the display preferences to be fulfilled with minimal affect on the perceived current configuration. If so, the coupling controller causes the video graphics processing circuitry to be reconfigured.

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